



Modified Form 1449/PTO				Application Number		10/767,064	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date		January 29, 2004	
				First Named Inventor		Peled	
				Group Art Unit		1632	
				Examiner Name		Anoop K. Singh	
				Attorney Docket Number		24024-506 CON RCE	
U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
U.S. PUBLISHED APPLICATION DOCUMENTS							
Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)		Date of Publication		Translation Yes No
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS							
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
/A.S./	C298	Bertagnolo et al., "Phosphoinositide 3-Kinase Activity is Essential for all-trans-Retinoic Acid-induced Granulocytic Differentiation of HL-60 Cells", <i>Cancer Res.</i> , 59:542-546 (1999)					
/A.S./	C299	Breitman et al., "Induction of Differentiation of the Human Promyelocytic Leukemia Cell Line (HL-60) by Retinoic Acid", <i>Proc. Natl. Acad. Sci. USA</i> , 77(5):2936-2940 (1980)					
/A.S./	C300	Caliaro et al., "Response of four human ovarian carcinoma cell lines to all-trans retinoic acid: relationship with induction of differentiation and retinoic acid receptor expression", <i>Int. J. Cancer, Abstract only</i> , 56(5):743-748 (1994)					
/A.S./	C301	Douer et al., "All-trans-retinoic Acid Effects the Growth, Differentiation and Apoptosis of Normal Human Myeloid Progenitors Derived from Purified CD34 ⁺ Bone Marrow Cells", <i>Leukemia</i> , 14(5):874-881 (2000)					
/A.S./	C302	Drayson et al., "Cell Proliferation and CD11b Expression are Controlled Independently During HL60 Cell Differentiation Initiated by 1,25a-Dihydroxyvitamin D ₃ or All-trans-Retinoic Acid", <i>Exp. Cell Res.</i> , Abstract only, 266(1):126-134 (2001)					
/A.S./	C303	Hayashi et al., "Changes in the Balance of Phosphoinositide 3-Kinase/Protein Kinase B (AKI) and the Mitogen-activated Protein Kinases (ERK/p38MAPK) Determine a Phenotype of Visceral and Vascular Smooth Muscle Cells", <i>J. Cell Biol.</i> , 145(4):727-740 (1999)					

/A.S./	C304	Hino et al., "A Long-Term Culture of Human Hepatocytes Which Show a High Growth Potential and Express Their Differentiated Phenotypes", <i>Biochem. Biophys. Res. Comm.</i> , Abstract only, 256(1):184-191 (1999)
	C305	Howard et al., "Formation and Hydrolysis of Cyclic ADP-Ribose Catalyzed by Lymphocyte Antigen CD38", <i>Science</i> , Abstract only, 262(5136):1056-1059 (1993)
	C306	Labrecque et al., "Impaired Granulocytic Differentiation in Vitro in Hematopoietic Cells Lacking Retinoic Acid Receptors $\alpha 1$ and γ ", <i>Blood</i> , 92(2):607-615 (1998)
	C307	Lu et al., "Intravenous Administration of Human Umbilical Cord Blood Reduces Neurological Deficit in the Rat After Traumatic Brain Injury", <i>Cell Transplant.</i> , Abstract only, 11(3):275-281 (2002)
	C308	Marcinkowska, E., "[Does the universal "signal transduction pathway of differentiation" exist? Comparison of different cell differentiation experimental models with differentiation of HL-60 cells in response to 1,25-dihydroxyvitamin D3], <i>Postepy Hig. Med. Dosw.</i> , Abstract only, 53(2):305-313 (1999)
	C309	Morosetti et al., "Infrequent alterations of the RAR α gene in acute myelogenous leukemias, retinoic acid-resistant acute promyelocytic leukemias, myelodysplastic syndromes, and cell lines", <i>Blood</i> , 87(10):4399-4403 (1996)
	C310	Orlic et al., "Bone Marrow Cells Regenerate Infarcted Myocardium", <i>Nature</i> , 410:701-705 (2001)
	C311	Orlic et al., "Exogenous Hematopoietic Stem Cells Can Regenerate Infarcted Myocardium", <i>Circulation</i> , Abstract only, 102:2672 (2000)
	C312	Orlic et al., "Transplanted adult bone marrow cells repair myocardial infarcts in mice", <i>Ann. N.Y. Acad. Sci.</i> , Abstract only, 938:221-230 (2001)
	C313	Podesta et al., "Cyclic ADP-ribose generation by CD38 improves human hemopoietic stem cell engraftment into NOD/SCID mice", <i>FASEB J.</i> , 17:310-312 (2003)
✓	C314	Purton et al., "All-Trans Retinoic Acid Delays the Differentiation of Primitive Hematopoietic Precursors (lin ⁻ c-kit ⁺ Sca-1 ⁺) While Enhancing the Terminal Maturation of Committed Granulocyte/Monocyte Progenitors", <i>Blood</i> , 94(2):483-495 (1999)
/A.S./	C315	Wick et al., "New Ways in Hepatocyte Cultures: Cell Immobilisation Technique", <i>ALTEX</i> , Abstract only, 14(2):51-56 (1997)

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications)

Examiner Signature	/A.S./	/Anoop Singh/	Date Considered	10/28/2008
-----------------------	--------	---------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ACTIVE 4313685v.1

MAY 13 2008

Express Mail No.: EV 869897726 US
Date of Deposit: May 12, 2008

Duplicate IDS

Page 1 of 2
Attorney Docket No.: 24024-506 CON RCE

Modified Form 1449/PTO				Application Number		10/767,064	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date		January 29, 2004	
				First Named Inventor		Peled	
				Group Art Unit		1632	
				Examiner Name		Anoop K. Singh	
				Attorney Docket Number		24024-506 CON RCE	
U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
U.S. PUBLISHED APPLICATION DOCUMENTS							
Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No		
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
	C298	Bertagnolo et al., "Phosphoinositide 3-Kinase Activity is Essential for all-trans-Retinoic Acid-induced Granulocytic Differentiation of HL-60 Cells", <i>Cancer Res.</i> , 59:542-546 (1999)					
	C299	Breitman et al., "Induction of Differentiation of the Human Promyelocytic Leukemia Cell Line (HL-60) by Retinoic Acid", <i>Proc. Natl. Acad. Sci. USA</i> , 77(5):2936-2940 (1980)					
	C300	Caliaro et al., "Response of four human ovarian carcinoma cell lines to all-trans retinoic acid: relationship with induction of differentiation and retinoic acid receptor expression", <i>Int. J. Cancer</i> , Abstract only, 56(5):743-748 (1994)					
	C301	Doder et al., "All-trans-retinoic Acid Effects the Growth, Differentiation and Apoptosis of Normal Human Myeloid Progenitors Derived from Purified CD34 ⁺ Bone Marrow Cells", <i>Leukemia</i> , 14(5):874-881 (2000)					
	C302	Drayson et al., "Cell Proliferation and CD11b Expression are Controlled Independently During HL60 Cell Differentiation Initiated by 1,25a-Dihydroxyvitamin D ₃ or All-trans-Retinoic Acid", <i>Exp. Cell Res.</i> , Abstract only, 266(1):126-134 (2001)					
	C303	Hayashi et al., "Changes in the Balance of Phosphoinositide 3-Kinase/Protein Kinase B (AKT) and the Mitogen-activated Protein Kinases (ERK/p38MAPK) Determine a Phenotype of Visceral and Vascular Smooth Muscle Cells", <i>J. Cell Biol.</i> , 145(4):727-740 (1999)					

Duplicate IDS

Express Mail No.: EV 869897726 US
Date of Deposit: May 12, 2008

Page 2 of 2
Attorney Docket No.: 24024-506 CON RCE

C304	Hino et al., "A Long-Term Culture of Human Hepatocytes Which Show a High Growth Potential and Express Their Differentiated Phenotypes", <i>Biochem. Biophys. Res. Comm.</i> , Abstract only, 256(1):184-191 (1999)
C305	Howard et al., "Formation and Hydrolysis of Cyclic ADP-Ribose Catalyzed by Lymphocyte Antigen CD38", <i>Science</i> , Abstract only, 262(5136):1056-1059 (1993)
C306	Labrecque et al., "Impaired Granulocytic Differentiation in Vitro in Hematopoietic Cells Lacking Retinoic Acid Receptors $\alpha 1$ and γ ", <i>Blood</i> , 92(2):607-615 (1998)
C307	Lu et al., "Intravenous Administration of Human Umbilical Cord Blood Reduces Neurological Deficit in the Rat After Traumatic Brain Injury", <i>Cell Transplant.</i> , Abstract only, 11(3):275-281 (2002)
C308	Marcinkowska, E., "[Does the universal "signal transduction pathway of differentiation" exist? Comparison of different cell differentiation experimental models with differentiation of HL-60 cells in response to 1,26-dihydroxyvitamin D3], <i>Postepy Hig. Med. Dosw.</i> , Abstract only, 53(2):305-313 (1999)
C309	Morosetti et al., "Infrequent alterations of the RAR α gene in acute myelogenous leukemias, retinoic acid-resistant acute promyelocytic leukemias, myelodysplastic syndromes, and cell lines", <i>Blood</i> , 87(10):4399-4403 (1996)
C310	Orlic et al., "Bone Marrow Cells Regenerate Infarcted Myocardium", <i>Nature</i> , 410:701-705 (2001)
C311	Orlic et al., "Exogenous Hematopoietic Stem Cells Can Regenerate Infarcted Myocardium", <i>Circulation</i> , Abstract only, 102:2672 (2000)
C312	Orlic et al., "Transplanted adult bone marrow cells repair myocardial infarcts in mice", <i>Ann. N.Y. Acad. Sci.</i> , Abstract only, 938:221-230 (2001)
C313	Podesta et al., "Cyclic ADP-ribose generation by CD38 improves human hemopoietic stem cell engraftment into NOD/SCID mice", <i>FASEB J.</i> , 17:310-312 (2003)
C314	Purton et al., "All-Trans Retinoic Acid Delays the Differentiation of Primitive Hematopoietic Precursors (lin ⁻ c-kit ⁻ Sca-1 ⁺) While Enhancing the Terminal Maturation of Committed Granulocyte/Monocyte Progenitors", <i>Blood</i> , 94(2):483-495 (1999)
C315	Wick et al., "New Ways in Hepatocyte Cultures: Cell Immobilisation Technique", <i>ALTEX</i> , Abstract only, 14(2):51-56 (1997)

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications)

Examiner Signature	/Anoop Singh/	Date Considered	10/28/2008
-----------------------	---------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 800; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ACTIVE 43136856.1